

**Flood Control Project Maintenance
Levee Inspections**

Fall 2011 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

RD0785	Overall LMA Rating	Total LMA Miles				
Reclamation District No. 0785 Driver	U	5.61				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
<i>Earthen Levee</i>						
Encroachments	0.02		0.02	0.36%	0.10	
Crown Surface / Depressions / Rutting	2.29		2.29	40.82%		
<i>LMA Totals:</i>	2.31	0.00	2.31	41.18%	0.10	0.00
Unit No. 01 Sacramento River RB	Overall Unit Rating	Total Unit Miles				
RD0785	A	2.31				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
<i>Earthen Levee</i>						
Encroachments	0.02		0.02	0.87%	0.10	
<i>Unit Totals:</i>	0.02	0.00	0.02	0.87%	0.10	0.00
Unit No. 02 Yolo Bypass LB	Overall Unit Rating	Total Unit Miles				
RD0785	U	3.30				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
<i>Earthen Levee</i>						
Crown Surface / Depressions / Rutting	2.29		2.29	69.39%		
<i>Unit Totals:</i>	2.29	0.00	2.29	69.39%	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2011 Levee Inspection Results

Reclamation District No. 0785 Driver

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			U	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2011 Levee Inspection Results

Reclamation District No. 0785 Driver

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Right	2.31
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/16/2011 - 3/16/2011		11/14/2011 - 11/14/2011	
DWR Inspector	John Williamson		John Williamson	
Accompanied By	Jim Eckman		Bill Mattos RD 785	
	Bill Mattos RD 785		Ross Peabody Peabody Engineering	
			Richard Yeung RD 785	

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0785 Driver

Waterway					Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River					Right	2.31	11/14/2011 11/14/2011	John Williamson

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.13	1.36	Earthen Levee	Trim / Thin Trees	LS	N	Tree stumps.	38.660160 ° -121.611619 °	38.646214 ° -121.598596 °	4 Y
2	0.29	0.29	Earthen Levee	Vegetation	LS	W	Elderberries are blocking visibility and flood fight capability.	38.658467 ° -121.609573 °	38.658467 ° -121.609573 °	1 Y
3	0.41	0.45	Earthen Levee	Vegetation	LS	W	Elderberries are blocking visibility and flood fight capability.	38.657168 ° -121.608270 °	38.656697 ° -121.607845 °	2 Y
4	0.75	0.75	Earthen Levee	Encroachments	LS	M	Tree or limb	38.653094 ° -121.605097 °	38.653094 ° -121.605097 °	3 Y
5	0.85	0.94	Earthen Levee	Vegetation	LS	W	Elderberries are blocking visibility and flood fight capability.	38.651863 ° -121.604158 °	38.650777 ° -121.603182 °	5
6	1.32	1.32	Earthen Levee	Vegetation	LS	W	Elderberries are blocking visibility and flood fight capability.	38.646712 ° -121.599095 °	38.646712 ° -121.599095 °	6 Y
7	1.39	1.39	Earthen Levee	Encroachments	WS	M	Debris	38.646676 ° 38.646676 °	-121.598888 ° -121.598888 °	7 Y
8	2.04	2.14	Earthen Levee	Encroachments	LS	PO	Landscaping Inspector Comments: Trees have been raised for visibility. Pine trees and oleander planted on shoulder.	38.641623 ° -121.588558 °	38.642005 ° -121.586993 °	8 Y

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable PO : Partially Obstructing N : Not Inspected, see Inspector Comment C : Corrected
M : Minimally Acceptable CO : Completely Obstructing
U : Unacceptable W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.31	11/14/2011 11/14/2011	John Williamson

Levee Mile Report Line	1
Start Levee Mile	0.13
End Levee Mile	1.36
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees
The trees were cut by PG&E'S tree contractor. The district will take care of the stumps in the future.	
johngw_f_20110923_258.jpg	



Levee Mile Report Line	2
Start Levee Mile	0.29
End Levee Mile	0.29
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Elderberry	
johngw_f_20110923_256.jpg	



Levee Mile Report Line	3
Start Levee Mile	0.41
End Levee Mile	0.45
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Elderberry	
johngw_f_20110923_257.jpg	

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.31	11/14/2011 11/14/2011	John Williamson

Levee Mile Report Line	4
Start Levee Mile	0.75
End Levee Mile	0.75
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Wood is still on the levee slope from when trees where cut. Fall 2011	
johngw_f_20111116_559.jpg	



Levee Mile Report Line	4
Start Levee Mile	0.75
End Levee Mile	0.75
Location	Land Side
Category	Earthen Levee
Item	Encroachments
More wood still on levee slope. Fall 2011	
johngw_f_20111116_560.jpg	



Levee Mile Report Line	6
Start Levee Mile	1.32
End Levee Mile	1.32
Location	Land Side
Category	Earthen Levee
Item	Vegetation
This is a very large Elderberry bush	
johngw_f_20110923_259.jpg	

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**Flood Control Project Maintenance
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Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	2.31	11/14/2011 11/14/2011	John Williamson

Levee Mile Report Line	7
Start Levee Mile	1.39
End Levee Mile	1.39
Location	Water Side
Category	Earthen Levee
Item	Encroachments

There is concrete debris and furniture that has been dropped off. Fall 2011

johngw_f_20111116_562.jpg



Levee Mile Report Line	8
Start Levee Mile	2.04
End Levee Mile	2.14
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Pines and oleanders along shoulder.

johngw_f_20110923_260.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2011 Levee Inspection Results

Reclamation District No. 0785 Driver

Waterway			Bank	Unit Miles
Unit No. 02 Yolo Bypass			Left	3.30

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	3/30/2011 - 3/30/2011		11/14/2011 - 11/14/2011	
DWR Inspector	John Williamson		John Williamson	
Accompanied By	William Mattos RD 785		William Mattos RD 785	
			Ross Peabody Peabody Engineering	
			Richard Yeung RD 785	

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Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	3.30	11/14/2011 11/14/2011	John Williamson

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.83	0.83	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Add appropriate gravel or road base. Grade and compact.	38.630157 ° -121.613842 °	38.630157 ° -121.613842 °	10
2	0.98	0.98	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Add appropriate gravel or road base. Grade and compact.	38.628215 ° -121.613448 °	38.628215 ° -121.613448 °	11
3	1.01	3.25	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Keep the crown roadway free of vegetation.	38.616313 ° -121.603465 °	38.600066 ° -121.590798 °	3 Y
4	1.50	1.50	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Add appropriate gravel or road base. Grade and compact.	38.621603 ° -121.607648 °	38.621603 ° -121.607648 °	12 Y
5	1.67	1.67	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Add appropriate gravel or road base. Grade and compact.	38.619492 ° -121.606132 °	38.619492 ° -121.606132 °	13 Y
6	3.20	3.20	Earthen Levee	Crown Surface / Depressions / Rutting	CR	M	Add appropriate gravel or road base. Grade and compact.	38.600422 ° -121.591438 °	38.600422 ° -121.591438 °	14

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Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	3.30	11/14/2011 11/14/2011	John Williamson

Levee Mile Report Line	3
Start Levee Mile	1.01
End Levee Mile	3.25
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting

The vegetation on the crown needs to be sprayed and graded.

johngw_f_20110923_261.jpg



Levee Mile Report Line	3
Start Levee Mile	1.01
End Levee Mile	3.25
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting

The vegetation on the crown has improved but needs to be sprayed. Fall 2011

johngw_f_20111116_561.jpg



Levee Mile Report Line	4
Start Levee Mile	1.50
End Levee Mile	1.50
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting

The crown of the levee with vegetation on the roadway. There is some depressions on the crown from vehicle use.

johngw_f_20110923_262.jpg



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Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0785 Driver

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	3.30	11/14/2011 11/14/2011	John Williamson

Levee Mile Report Line	5
Start Levee Mile	1.67
End Levee Mile	1.67
Location	Crown
Category	Earthen Levee
Item	Crown Surface / Depressions / Rutting
The crown needs to have gravel added to have an all weather surface.	
johngw_f_20110923_263.jpg	

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